



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of

Eiichi KAMIYAMA

Application No.: 10/816,889

Filed: April 5, 2004

Docket No.: 119338

For: INTERNAL COMBUSTION ENGINE WITH VARIABLE COMPRESSION RATIO AND  
COMPRESSION RATIO CONTROL METHOD

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of non-English language reference No. 1 is discussed in the present specification.
- ☒ 3. An English-language Abstract of non-English language reference No. 1 is attached hereto.
- ☒ 4. A computer-generated English translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See Reference 1.

Respectfully submitted,

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JAO:TJP/mxm  
Date: April 16, 2004

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<p><b>DEPOSIT ACCOUNT USE AUTHORIZATION</b> Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
119338APPLICATION NO.  
10/816,889

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT  
Eiichi KAMIYAMAFILING DATE  
April 5, 2004

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	1	JP A 7-26981 w/ Abst & Trans	1/27/1995	Japan		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	2	HARALDSSON et al. "HCCI COMBUSTION PHASING IN A MULTI CYLINDER ENGINE USING VARIABLE COMPRESSION RATIO," 2002-01-2858, Society of Automotive Engineers, Inc., 2002.
	3	SCHWADERLAPP et al. "VARIABLE COMPRESSION RATIO - A DESIGN FOR FUEL ECONOMY CONCEPTS," 2002-01-1103, Society of Automotive Engineers, Inc., 2002.
	4	MOTEKI et al. "A STUDY OF VARIABLE COMPRESSION RATIO SYSTEM WITH A MULTI-LINK MECHANISM," Society of Automotive Engineers International, 2003.

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 16, 2004